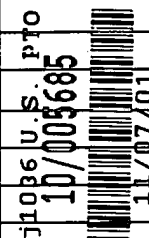


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR \$1.56, \$1.97, and \$1.98 PTO-1449 FORM	ATTORNEY DOCKET NO.: 22660-0019 DIV 2	SERIAL NO.: Not yet assigned <i>10/005,685</i>
	APPLICANTS: Petersen et al.	
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U.S. PATENT DOCUMENTS

† EX'R INITIAL L	*REF. #	PATENT NUMBER	DATE (MO/YR)	NAME	U.S. CLASS/ SUBCLASS	FILING DATE (If appropriate)
<i>WA</i>	*A1	3,799,742	3/1974	C.M. Coleman	23-253R	
	*A2	4,426,451	1/1984	R.L. Columbus	436/518	
	*A3	4,642,220	2/1987	Björkman	422/101	
	*A4	4,789,628	12/1988	Nayak	435/7	
	*A5	4,855,240	8/1989	Rosenstein et al.	436/514	
	*A6	4,891,120	1/1990	Sethi et al.	204/600	
	*A7	4,895,500	1/1990	Hok et al.	417/566	
	*A8	4,908,112	3/1990	Pace	204/299	
	*A9	4,908,318	3/1990	Lerner	435/270	
	*A10	4,915,812	4/1990	Parce et al.	204/403	
	*A11	4,918,025	4/1990	G. Grenner	436/165	
	*A12	4,921,952	5/1990	Longmire et al.	536/27	
	*A13	4,923,978	5/1990	McCormick et al.	536/27	
	*A14	4,963,498	10/1990	Hillman et al.	436/69	
	*A15	4,983,523	1/1991	Li et al.	435/173	
	*A16	5,061,446	10/1991	J. Guigan	422/64	
	*A17	5,114,858	5/1992	Williams et al.	435/270	
	*A18	5,124,444	6/1992	Van Ness et al.	536/27	
	*A19	5,155,018	10/1992	Gillespie et al.	435/91	
	*A20	5,188,963	2/1993	Stapleton	435/299	
	*A21	5,207,988	5/1993	F.V. Lucas	422/73	
	*A22	5,223,219	6/1993	Subramanian et al.	422/55	
	*A23	5,229,297	7/1993	Schnipelsky et al.	436/94	
	*A24	5,234,809	8/1993	Boom et al.	435/91	
	*A25	5,296,375	3/1994	Kricka et al.	435/291	
	*A26	5,304,487	4/1994	Wilding et al.	435/291	
	*A27	5,330,916	7/1994	Williams et al.	435/311	
	*A28	5,342,931	8/1994	Woodard et al.	536/25.4	
	*A29	5,352,777	10/1994	Jhingan	536/25.4	
	*A30	5,374,522	12/1994	Murphy et al.	435/6	
	*A31	5,374,533	12/1994	Murphy et al.	435/6	
	*A32	5,422,241	6/1995	Goldrick et al.	435/6	
	*A33	5,427,663	6/1995	Austin et al.	204/180.1	
	*A34	5,427,946	6/1995	Kricka et al.	435/291	
	*A35	5,438,129	8/1995	Woodard et al.	536/25.4	
	*A36	5,443,890	8/1995	Öhman	428/167	
<i>WA</i>	*A37	5,458,761	10/1995	Kamahori et al.	204/602	
<i>WA</i>	*A38	5,500,071	3/1996	Kaltenbach et al.	422/70	



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U.S. PATENT DOCUMENTS

W/S	*A39	5,534,054	7/1996	Woodard et al.	106/287.11	
	*A40	5,541,400	6/1997	Kaltenbach et al.	204/451	
	*A41	5,543,305	8/1996	Cummins et al.	435/91.1	
	*A42	5,580,435	12/1996	Kovacs	204/603	
	*A43	5,580,794	12/1996	M.P. Allen	436/169	
	*A44	5,585,069	12/1996	Zanzucchi et al.	422/100	
	*A45	5,587,128	12/1996	Wilding et al.	422/50	
	*A46	5,605,662	2/1997	Heller et al.	422/68.1	
	*A47	5,616,701	4/1997	Woodard et al.	536/25.4	
	*A48	5,639,423	6/1997	Northrup et al.	122/50	
	*A49	5,639,428	6/1997	H.V. Cottingham	422/112	
	*A50	5,641,400	6/1997	Kaltenbach et al.	204/451	
	*A51	5,652,141	7/1997	Henco et al.	435/270	
	*A52	5,693,785	12/1997	Woodard et al.	536/25.4	
	*A53	5,705,018	1/1998	Hartley	156/345	
	*A54	5,707,799	1/1998	Hansmann et al.	435/6	
	*A55	5,716,852	2/1998	Yager et al.	436/172	
	*A56	5,741,639	4/1998	Ensing et al.	204/452	
	*A57	5,770,029	6/1998	Nelson et al.	204/604	
	*A58	5,777,141	7/1998	Brunner et al.	554/175	
	*A59	5,842,787	12/1998	Kopf-Sill et al.	366/340	
	*A60	5,843,767	12/1998	Kenneth L. Beattie	435/287.1	
	*A61	5,846,727	12/1998	Soper et al.	204/451	
	*A62	5,856,174	1/1999	Lipshutz et al.	435/286.5	
	*A63	5,858,188	1/1999	Soane et al.	204/450	
	*A64	5,863,502	1/1999	Southgate et al.	422/58	
	*A65	5,863,801	1/1999	Southgate et al.	436/63	
	*A66	5,869,004	2/1999	Parce et al.	422/100	
	*A67	5,874,046	2/1999	Megerle	02/99	
	*A68	5,880,071	3/1999	Parce et al.	204/453	
	*A69	5,921,678	7/1999	Desai et al.	366/336	
	*A70	5,928,880	7/1999	Wilding et al.	435/7.21	
	*A71	5,972,710	10/1999	Weigl et al.	436/34	
	*A72	6,042,709	3/2000	Parce et al.	204/453	
	*A73	6,068,752	5/2000	Dubrow et al.	204/604	
	*A74	6,080,295	6/2000	Parce et al.	204/451	
	*A75	6,090,545	7/2000	Wohlstadtter et al.	435/6	
	*A76	6,100,084	8/2000	Miles et al.	435/306.1	
	*A77	6,153,073	11/2000	Dubrow et al.	204/453	
W/S	*A78	6,156,273	12/2000	Regnier et al.	422/70	

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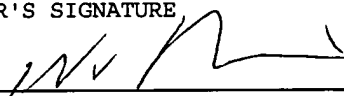
WAB	*A79	6,168,948	1/2000	Anderson et al.	435/287.2
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FOREIGN PATENT DOCUMENTS

† EX'R INITIAL L	*REF. #	PATENT NUMBER	DATE (MO/YR)	COUNTRY	TRANSLATION (YES/NO)
WAB	*B1	GB 938,163	10/1963	GB	
	*B2	EP 0 271 448	6/1988	EP	
	*B3	EP 0 337 690	10/1989	EP	
	*B4	EP 0430 248 A2	6/1991	EP	
	*B5	WO 92/05442	4/1994	PCT	
	*B6	WO 95/12808	5/1995	PCT	
	*B7	EP 0 576 602 B1	11/1995	EPO	
	*B8	WO 96/07954	3/1996	PCT	
	*B9	WO 96/12541	5/1996	WO	
	*B10	DE 19519015	9/1996	DE	
	*B11	WO 97/02357	1/1997	PCT	
	*B12	WO 98/08594	3/1998	PCT	
	*B13	WO 98/10277	3/1998	PCT	
WAB	*B14	EP 0123456-A2	1/2000	EPO	

OTHER DOCUMENTS

† EX'R INITIAL L	*REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)
WAB	*C1	Anderson et al., "Microfluidic Biochemical Analysis System", <i>Transducers '97, Int'l Conf. on SolidState Sensors and Actuators, Chicago June 16-19 (1997)</i> , pg. 477-480.
	*C2	Brody et al., "Deformation and Flow of Red Blood Cells in a Synthetic Lattice: Evidence for an Active Cytoskeleton", <i>Biophysical Journal</i> 68:2224-2232 (1995)
	*C3	Brody et al., "Diffusion-Based Extraction in a Microfabricated Device", <i>Sensors and Actuators A</i> 58:13-18 (1997)
	*C4	Branebjerg et al., "Fast Mixing by Lamination", <i>Proceedings of the Conference on MEMS, 11-15 February 1996, San Diego, CA</i>
	*C5	Buck, George E. et al., <u>Rapid, Simple Method for Treating Clinical Specimens Containing Mycobacterium tuberculosis To Remove DNA for Polymerase Chain Reaction</u> <i>Journal of Clinical Microbiology</i> , May 1992, p.1331-1334.
	*C6	Cuyper et al., "The NucliSens™ Extractor for Automated Nucleic Acid Isolation", <i>Infusionsther Transfusionsmed</i> , 1998;25:147-151.
WAB	*C7	Klaassen et al., "Silicon Fusion Bonding and Deep Reactive Ion Etching: A New Technology for Microstructures", <i>Sensors and Actuators A</i> 52:132-139 (1996)

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OTHER DOCUMENTS			
MB	*C8	Maluf, N., "Silicon Fusion Bonding Plus DRIE Delivers Design Flexibility", <i>Micromachine Devices</i> 2:4-5 (1997)	
MS	*C9	B. Sanz et al., <u>Effect of Ultrasonic Waves on the Heat Resistance Of <i>Bacillus Stearothermophilus</i> Spores</u> Fundamental And Applied Aspects of Bacterial Spores, 1985, pp. 251-259	
EXAMINER'S SIGNATURE 		DATE CONSIDERED 4/27/02	
† EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Line through citation if not in conformance and not considered. Include copy of this form in next communication to applicant. * If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. 1.98(d).			

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				APPLICANT(S) Petersen et al.			
				FILING DATE November 7, 2001		GROUP Not yet assigned	

US PATENT DOCUMENTS						
† EX'R INITIAL	REF. #	PATENT NUMBER	DATE (MO/YR)	NAME	CLASS/ SUBCLASS	FILING DATE (If appropriate)
WA	A1	5,143,084	09/1992	Macemon et al.	128/771	
	A2	5,399,486	03/1995	Cathey et al.	435/7.9	
	A3	5,422,271	06/1995	Chen et al.	435/287	
	A4	5,643,738	07/1997	Zanzucchi et al.	435/6	
	A5	5,660,993	08/1997	Cathey et al.	435/7.9	
	A6	5,714,380	02/1998	Neri et al.	435/287.2	
	A7	5,746,978	05/1998	Bienhaus et al.	422/68.1	
	A8	5,798,215	08/1998	Cathey et al.	435/7.9	
	A9	5,882,903	03/1999	Andrevski et al.	435/91.2	
	A10	5,922,591	07/1999	Anderson et al.	435/287.2	
	A11	5,948,673	09/1999	Cottingham	435/287.2	
	A12	5,955,351	09/1999	Gerdes et al.	435/287.2	
	A13	5,976,824	11/1999	Gordon	435/29	
	A14	6,030,581	02/2000	Virtanen	422/68.1	
	A15	6,043,080	03/2000	Lipshutz et al.	435/287.2	
	A16	6,197,595	03/2001	Anderson et al.	436/180	
WLB	A17	6,261,431	07/2001	Mathies et al.	204/601	

FOREIGN PATENT DOCUMENTS					
† EX'R INITIAL	REF. #	PATENT NUMBER	DATE (MO/YR)	COUNTRY	TRANSLATION (YES/NO)
	B1				

OTHER DOCUMENTS		
† EX'R INITIAL	REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)
	C1	

EXAMINER'S SIGNATURE 	DATE CONSIDERED
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